



ENERGY STAR CERTIFIED Smart Thermostats

Google Nest - Google Nest Learning Thermostat : T3####**

Specifications

ENERGY STAR Partner:	Google LLC
Service Brand Name:	Google Nest
Service Model Name:	Google Nest Learning Thermostat
Service Model Number:	T3####**
Thermostat Brand Owner:	Googl LLC
Thermostat Brand Name:	Google Nest
Thermostat Model Name:	Google Nest Learning Thermostat
Thermostat Model Number:	T3####**
Additional Thermostat Model Numbers:	"T3007ES T3007EF T3016US T3016CA T3017US T3017CA T3018US T3019US T3019CA T3021US T3024US T3025US T3026US T3027US T3032US T3032CA T3050US T3051US
Standby Power (W):	0.06
Thermostat Heating and Cooling Control Features:	External Temperature Detection,Geofencing (User Device Based),Humidity Sensing,Occupancy Sensor on Device
Thermostat Communication Method:	Wi-Fi
Demand Response Summary:	Google Nest thermostats support a variety of Demand Response (DR) services, including dispatchable peak load management, and emergency (fast-response) dispatch. Nest offers a comprehensive DR solution in which Nest's cloud-based server acts as an OpenADR-compliant "Virtual End Node" for a DR signal from a Load Management Entity, and upon receipt of that signal executes customized DR algorithms on each participating device (as a "Virtual Top Node"). Devices can be grouped at the discretion of the Load Management Entity for locational dispatch. An API is available for direct integration with popular Demand Response Management Systems for dispatch. Comprehensive aggregated reporting is provided to the Load Management Entity for measurement and verification purposes, including load reduction estimates and the impact of device adjustments by interval. Google Nest's DR solutions are specifically designed to optimize participant satisfaction through the use of pre-conditioning (where applicable) and personalized schedule adjustments to ensure occupant comfort by limiting deviations from scheduled setpoints. In addition, the user can opt out any time. The algorithms are regularly updated and enhanced based on operational experience and user feedback.
Date Available on Market:	2015-09-01
Date Certified:	2019-12-03
Markets:	United States, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

Captured On:
03/17/2021